



FEMA

Daily Operations Briefing

Wednesday, October 12, 2016

8:30 a.m. EDT

Significant Activity – Oct 11-12



Significant Events: None

Tropical Activity:

- Atlantic – Hurricane Nicole
- Eastern Pacific – Disturbance 1 – Low (20%); Disturbance 2 – Low (20%)
- Central Pacific – Disturbance 1 – Low (20%); Disturbance 2 – Low (10%)
- Western Pacific – No tropical cyclone activity affecting U.S. interests

Significant Weather:

- Rain and Thunderstorms – Middle/Upper Mississippi valleys and Great Lakes region
- Rain – Pacific NW, Northern Intermountain, Upper Mississippi Valley and Upper Great Lakes
- Rain and Snow – Northern Intermountain, Rockies and a portion of the upper Great Lakes
- Snow – CO
- Space Weather – Past 24 hours – none observed; next 24 hours – none predicted

Earthquake Activity: No significant activity

Declaration Activity: None

- Major Disaster Declaration request – KS
- Major Disaster Declaration approved – FEMA-4286-DR-SC

River Basins of Concern and Trends

River Flood Trends

Includes Gauged Locations
Exceeding Major Flood Stage

Past Crest 

Near Crest 

River Rises 

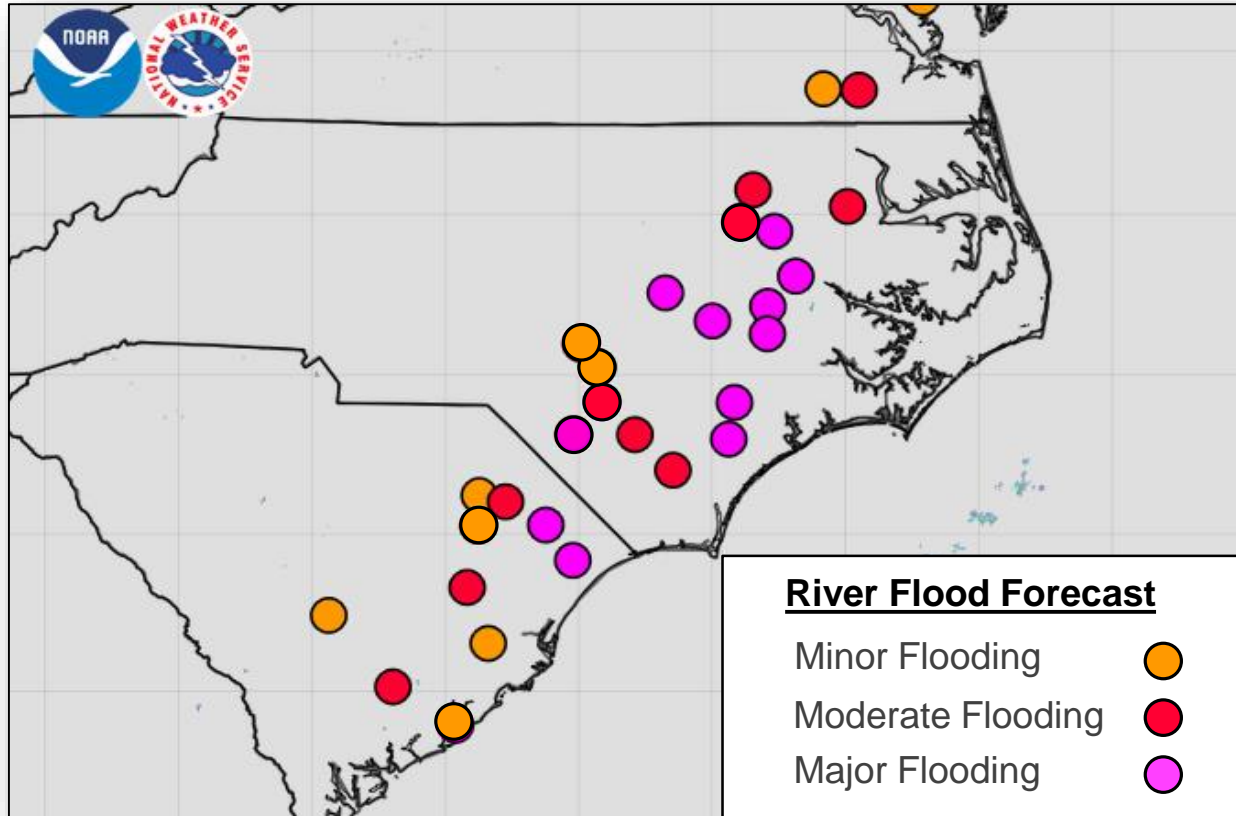
Additional river flooding likely
outside of gauged locations



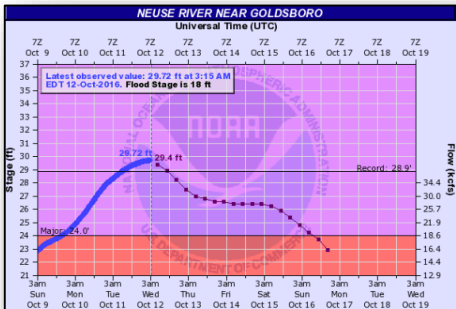
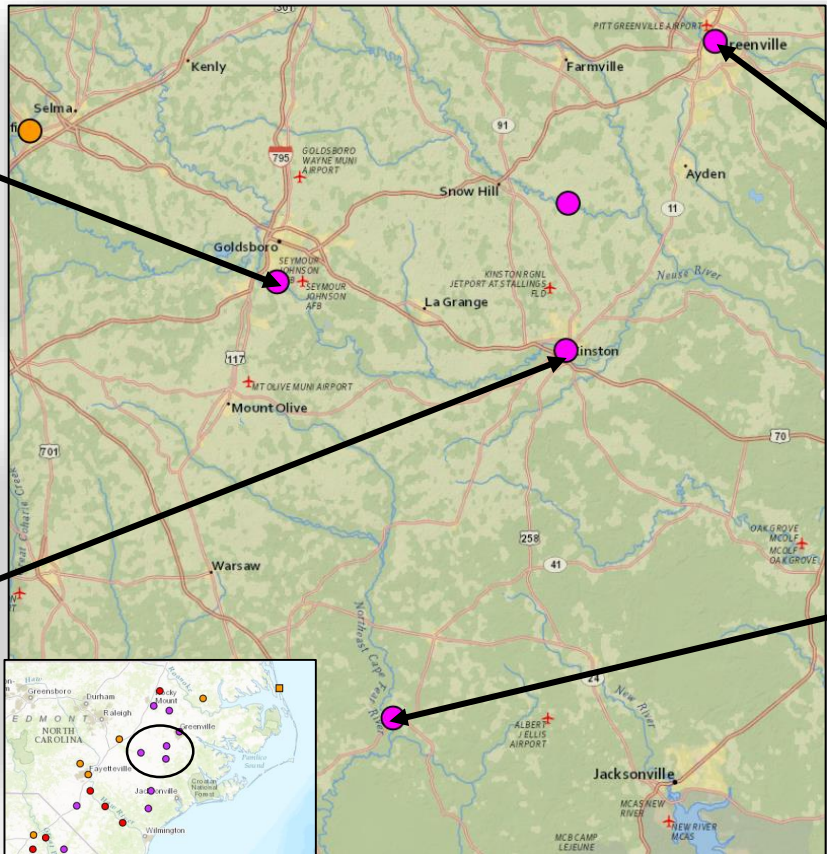
NWS River Flood Forecasts



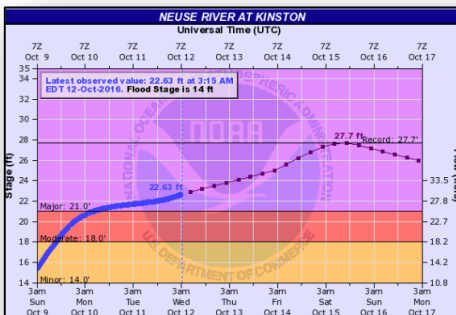
FEMA



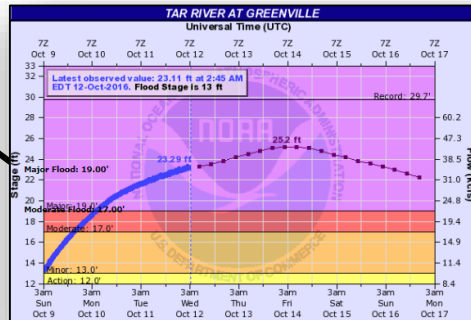
North Carolina River Flood Outlooks



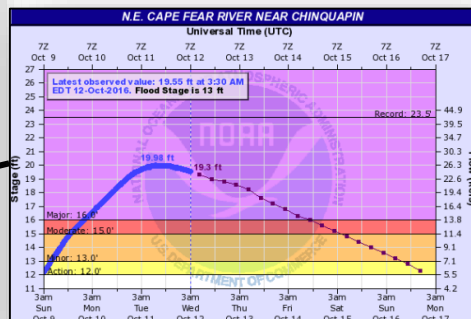
At 22 feet, evacuation of homes, flooding begins on Seymour Johnson Air Force Base.



Could reach record flood stage (27.7 ft) this weekend
 At 27 feet, disastrous flooding; up to 2 ft likely – causing evacuations in the area

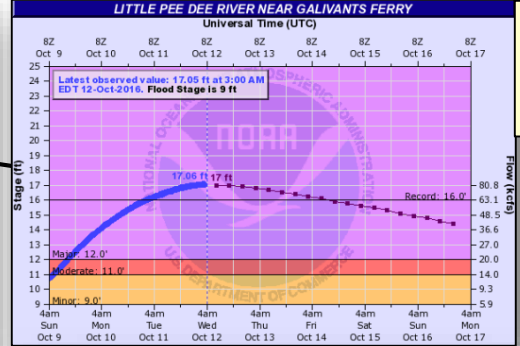
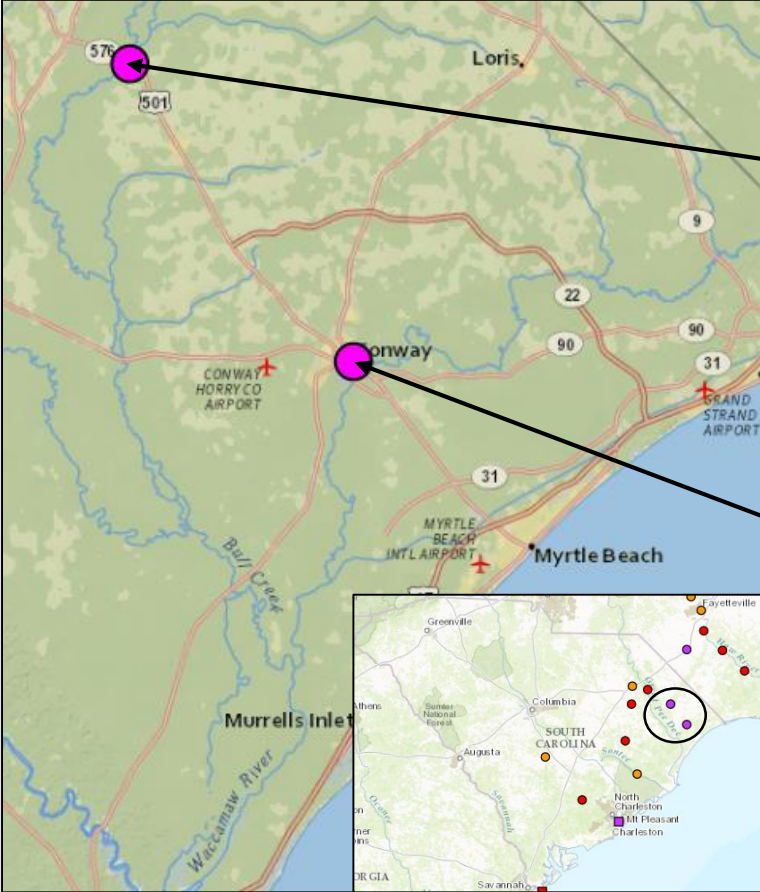


At 24 feet, severe flooding, numerous homes near river will flood countywide.

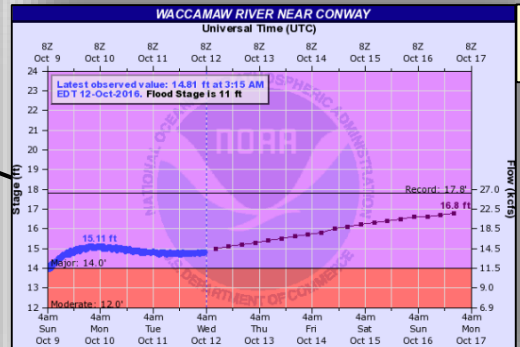


At 18 feet, evacuations of residents near the river.

South Carolina River Flood Outlooks



Peaked at 16.22 feet
 Previous record: 16 feet
 At 12 feet, flood waters affect homes in Fork Retch



Projected to peak at 16.2 feet
 At 15 feet, residential flooding

Hurricane Matthew – Impacts



Impacts/Critical Infrastructure

- 33 (+8) confirmed fatalities: 9 (+5) in FL, 17 (+3) in NC, 3 in SC and 4 in GA (RIV Update, 1:30 p.m. EDT, Oct 11)
- Mainstream river flooding are the concern in the Carolinas
 - Continuous monitoring of dams in NC; 8 confirmed dams breached
 - SC: 4 confirmed dam breaches; SC Department of Health and Environmental Control (DHEC) teams will conduct damage assessment of approximately 250 dams
- Cellular service outages continue to decline across impacted area
- Several hospitals remain closed
- Transportation Infrastructure:
 - Numerous bridge and road closures remain throughout the region; most secondary roads and some highways
 - I-95 closed in multiple locations; portions of I-40 closed in NC
 - Some east coast ports remain impacted



Photo Credit: SC Damage Assessment Photo; MD Civil Air Patrol

Power Outages: Total – 302,388

State	Previous Outage	Current Outage	Change
NC	253,213	104,297	-149k
SC	291,578	106,911	-175k
GA	85,000	40,969	-44k
FL	65,009	50,211	-15k

Source: DOE EAGLE-I as of 7 am EDT, October 12

Hurricane Matthew – Response



North Carolina: FEMA-3380-EM-NC / FEMA-4285-DR-NC

- EOC at Full Activation
- Four Swift Water Rescue Teams and three US&R Team activated

South Carolina: FEMA-3378-EM-SC / FEMA-4286-DR-SC

- EOC remains at Full Activation

Georgia: FEMA-3379-EM-GA / FEMA-4284-DR-GA

- EOC remains at Full Activation

Florida: FEMA-3277-EM-FL / FEMA-4283-DR-FL

- EOC at Partial Activation
- US&R FL-TF1 and FL-TF2 released to Florida (State Asset)

FEMA Region IV:

- **NRCC: Level II (day shift); RWC: Enhanced Watch (night shift)**
- IMAT-1 deployed to NC EOC
- IMAT-2 deployed to FL EOC
- LNOs deployed to FL, NC, SC & GA EOC's
- Hurricane Liaison deployed to National Hurricane Center
- Region IV DCE deployed to FL

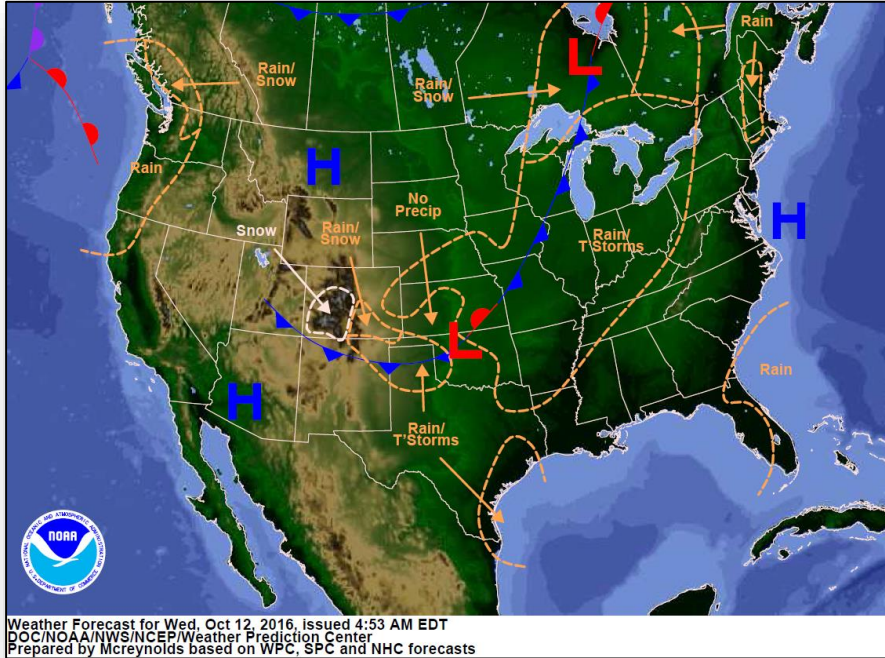
FEMA HQ:

- **NRCC: Not Activated, NWC: Enhanced Watch (24/7)**
- National IMAT-West deployed to FL EOC
- National IMAT-East 1 deployed to Atlanta, GA
- National IMAT-East 2 deployed to LA
- Region I IMAT deploying to Raleigh, NC
- Region V IMAT deployed to SC EOC; Region V DCE deployed to GA
- Region IX IMAT-2 deployed to SC EOC
- Region VIII DCE deployed to SC
- Disaster Emergency Communications
 - 89 MERS personnel deployed from all 6 detachments
 - 26 Mobile Communication Vehicles (MCOV) deployed
 - 100 vehicles and associated support equipment

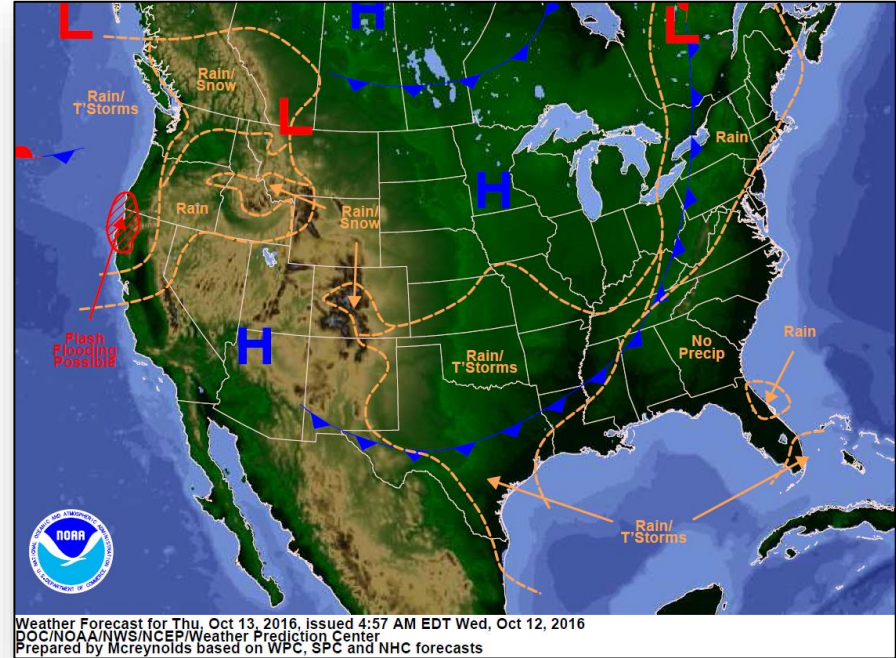
Shelter Numbers				
State	# Shelters	Change	Occupants	Change
NC	57	-6	3,796	+143
SC	12	-4	498	-26
GA	3	-8	176	-366
FL	5	-1	36	-24

Source: ARC Midnight Shelter Count, as of 4 am EDT, October 12

National Weather Forecast

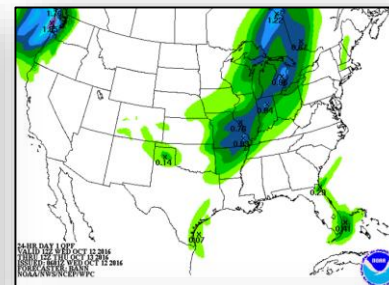
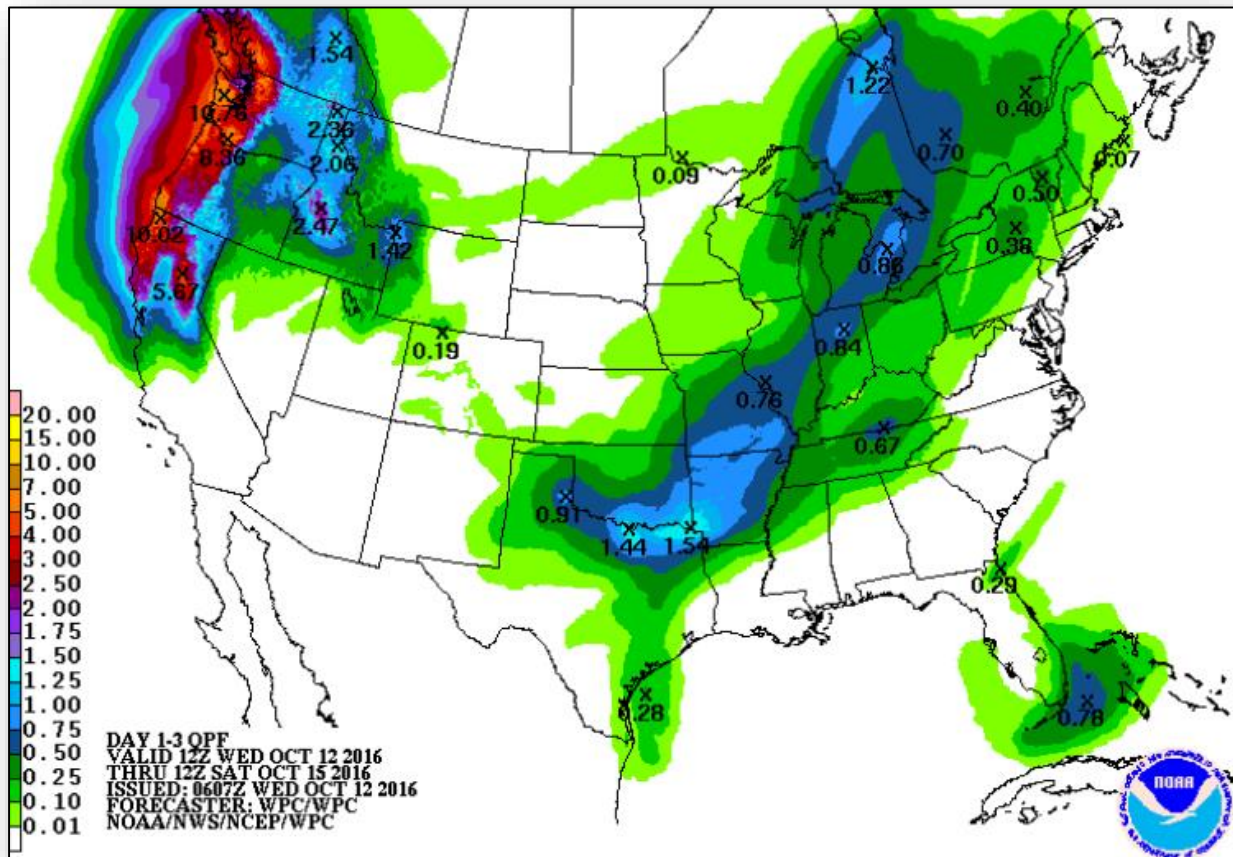


Today

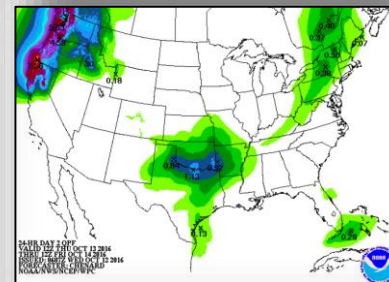


Tomorrow

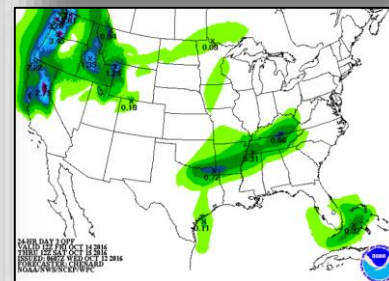
Precipitation Forecast – Days 1-3



Day 1

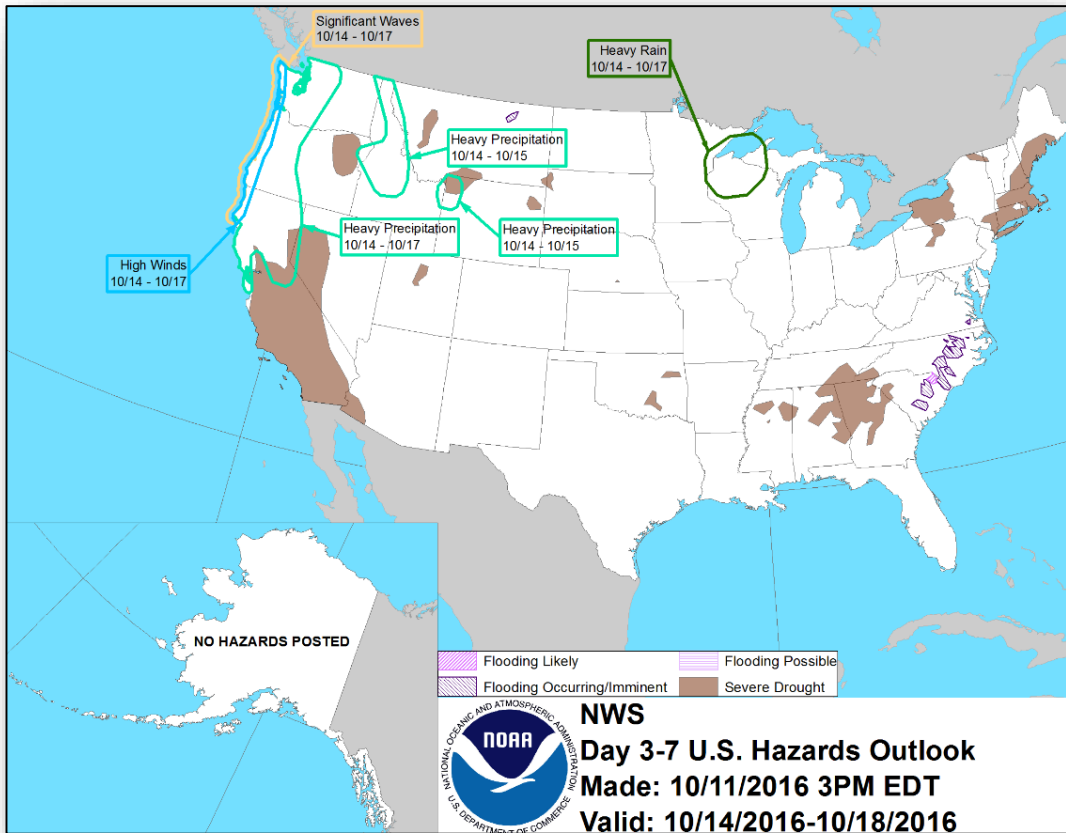


Day 2



Day 3

Hazards Outlook – Oct 14-18

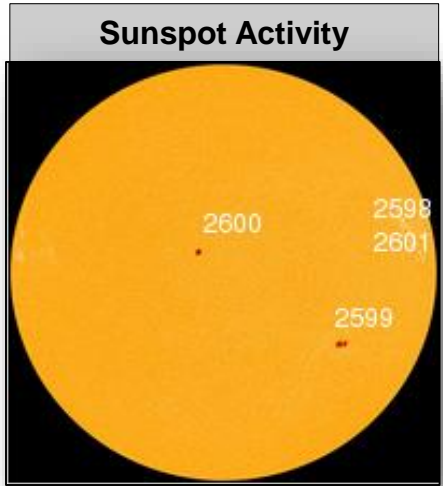
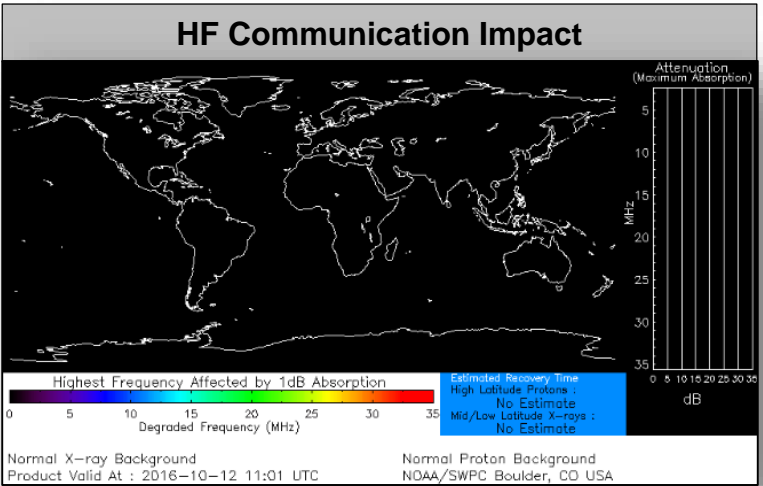


Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None

For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>

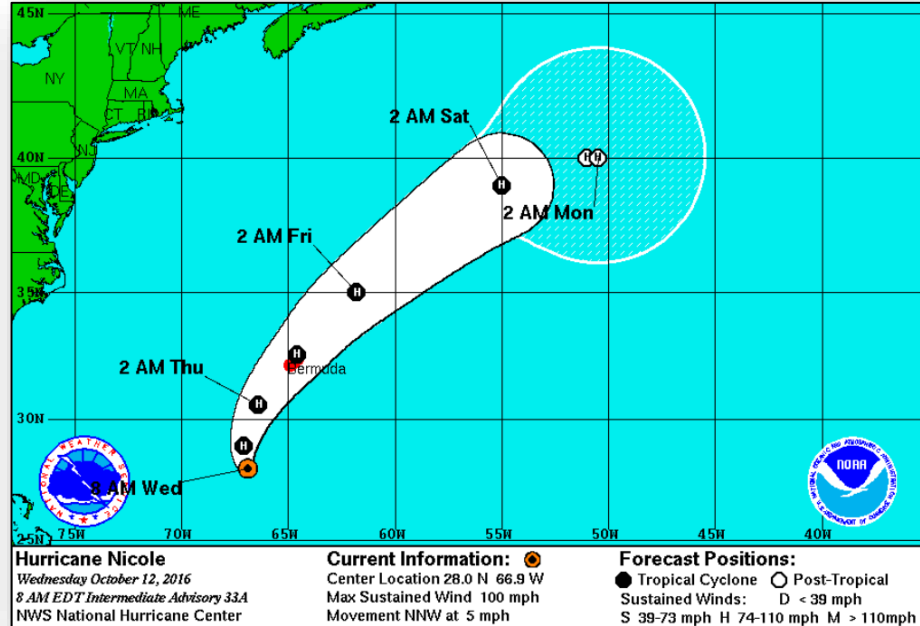


Tropical Outlook – Atlantic



Hurricane Nicole (Advisory 33A, as of 8:00 a.m. EDT)

- Located 320 miles SSW of Bermuda
- Moving NW near 5 mph
- Maximum sustained winds 100 mph
- Hurricane Force winds extend 30 miles
- Tropical-Storm force winds extend 115 miles
- No impacts to US territories



Tropical Outlook – Eastern Pacific

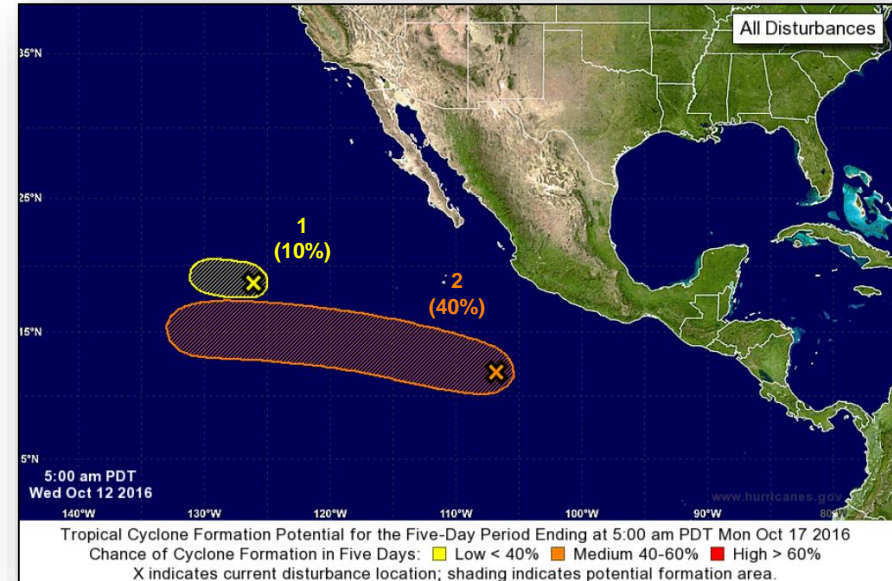


Disturbance 1 (as of 8:00 a.m. EDT)

- Located 1k miles WSW of S tip of Baja California peninsula
- Moving WNW 10-15 mph
- Tropical cyclone not expected; moving over cooler waters
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

Disturbance 2 (as of 8:00 a.m. EDT)

- Located several hundred miles of the S coast of Mexico
- Moving WNW 15-20 mph
- Some slow development possible during the next several days
- Tropical depression likely to form by this weekend
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (40%)



Tropical Outlook – Central Pacific

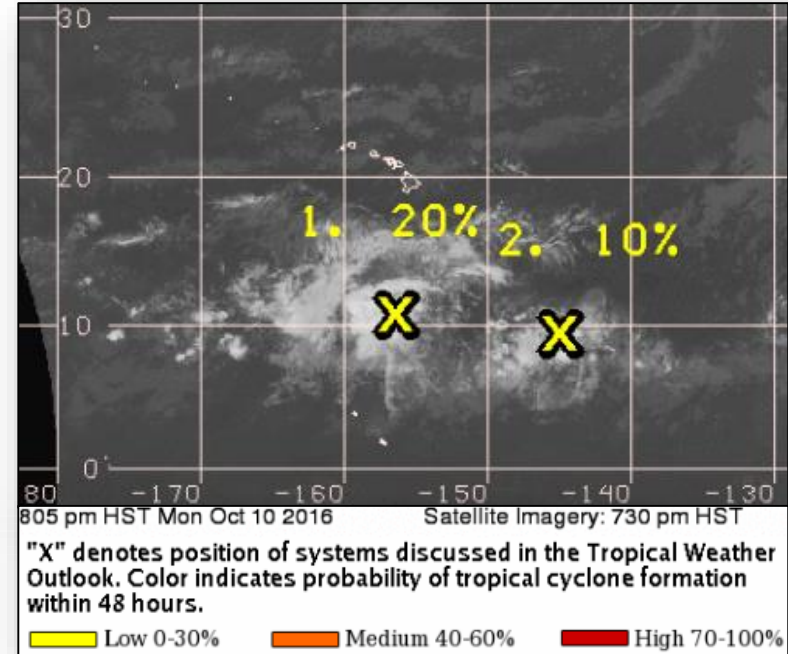


Disturbance 1 (as of 2:00 a.m. EDT)

- Located 800 miles SSE of Honolulu, HI
- Moving W at 10 mph
- Slow development possible over the next couple of days
- Formation chance through 48 hours: Low (20%)

Disturbance 2 (as of 2:00 a.m. EDT)

- Located 1k miles SE of Hilo, HI
- Moving W at 10 mph
- Little development is expected over next couple of days
- Formation chance through 48 hours: Low (10%)



Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
V	Minnesota	Severe Storms and Flooding September 21, 2016 – continuing	IA	4	0	10/10 – TBD
			PA	9	0	10/10 – TBD
VII	Iowa	Severe Storms and Flooding September 21 – October 3, 2016	IA	9	9	9/29 – 10/3
			PA	18	0	10/12 – TBD
X	Alaska	Kotlik Structure Fire August 18, 2016	PA	1	0	10/4 – TBD

Disaster Requests & Declarations



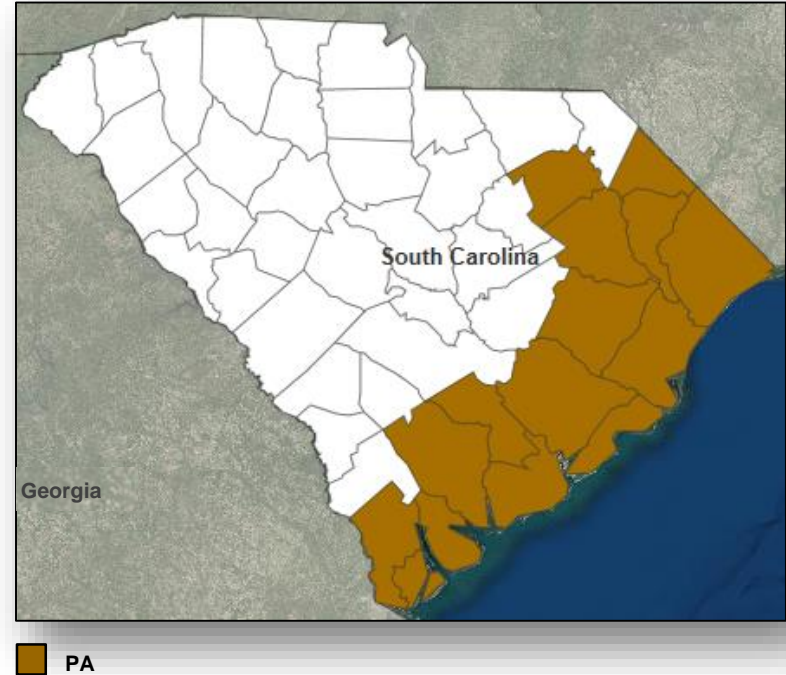
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	1	0
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		
South Carolina – DR Hurricane Matthew	October 10, 2016	Approved October 11, 2016	
Kansas – DR Severe Storms and Flooding	October 10, 2016		

Declaration Approved



FEMA-4286-DR-SC

- Major Disaster Declaration approved on October 12, 2016 for the state of South Carolina
- As a result of Hurricane Matthew during the period October 4, 2016, and continuing
- Provides
 - Public Assistance, including direct federal assistance, for 13 counties
 - Hazard mitigation statewide
- FCO W. Michael Moore

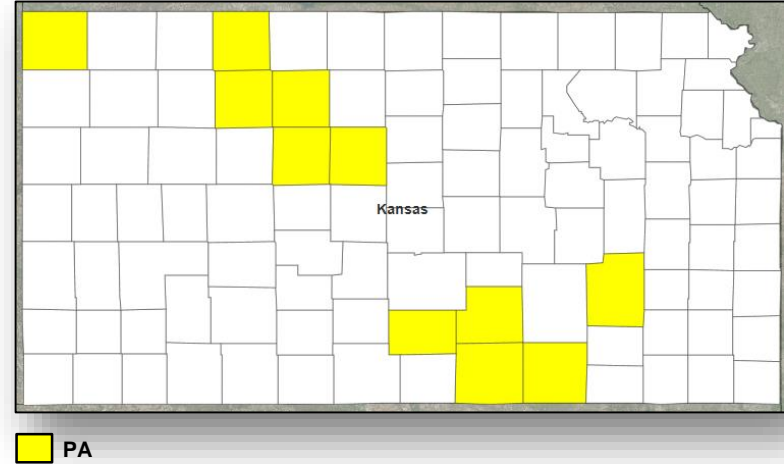


Declaration Request



Kansas

- Governor requested a Major Disaster Declaration on October 10, 2016
- As a result of severe storms and flooding during the period of September 2-12, 2016
- Requesting
 - Public Assistance for 11 counties
 - Hazard mitigation statewide



Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 1 to FEMA-4285-DR-NC	October 12, 2016	Adds three counties for Individual Assistance (already approved for Categories A & B & Direct Federal Assistance) Adds one county for Individual Assistance (Categories A & B, plus Direct Federal Assistance)

Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	35	6	17%	0	0	29		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2
FDRC	Red	10	1	10%	0	3	6		FDRC 3 2 1
US&R	Green	28	25	89%	0	0	3	Blue IST to GA NY-TF1, MO-TF1, PA-TF1 working in NC MD-HEPP staging in NC	<ul style="list-style-type: none"> Green = Available / FMC Yellow = Available / PMC Red = Out-of-Service Blue = Assigned / Deployed
National IMAT	Red	3	0	0%	0	0	3	<u>Deployed:</u> East 1 to Region IV (Hurricane Matthew) East 2 to LA (DR-4277) West to FL (Hurricane Matthew)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and / or Team Leader is unavailable for deployment.</i>)
Regional IMAT	Yellow	13	4	34%	0	0	9	<u>Deployed:</u> Region I to Raleigh, NC Region IV-1 to NC (Hurricane Matthew) Region IV-2 to FL (Hurricane Matthew) Region V & Region IX-2 to SC (Hurricane Matthew) Region VI-2, Region VIII & Region X to LA (DR-4277) Region VII to MO (DR-4281)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available <i>R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement</i>
MERS	Green	18	14	78%	0	0	4	<u>Deployed:</u> Tallahassee and Ocala, FL Washington, DC Augusta, Thomasville and Dobbins ARB, GA Raleigh and Fort Bragg, NC Columbia, SC Chicago, IL (Chicago Marathon)	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

Readiness – National and Regional Teams



Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC	Green	5	5	100%	0	0	Activated	Enhanced Watch, 24/7 (Hurricane Matthew)	<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC	Green	2	2	100%	0	0	Not Activated		
HLT	Green	1	1	100%	0	0	Activated		
RRCCs	Green	10	10	100%	0	0	Activated	Region IV at Level II, Day shift only (Hurricane Matthew)	
RWCs/MOCs	Green	10	10	100%	0	0	Activated	Region IV at Enhanced Watch, Night shift only (Hurricane Matthew)	



FEMA

FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.